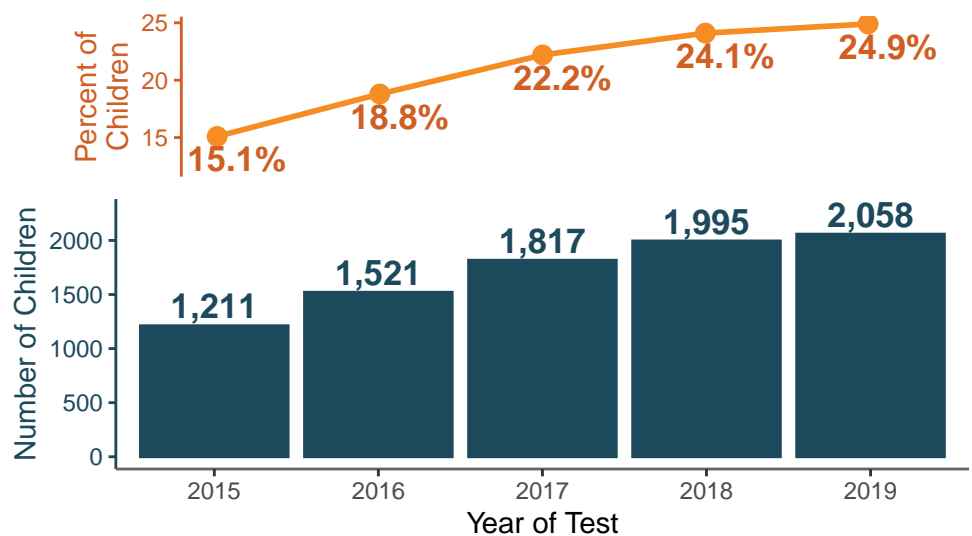


# 2019 LEAD EXPOSURE DATA BRIEF FOR THE SEACOAST REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

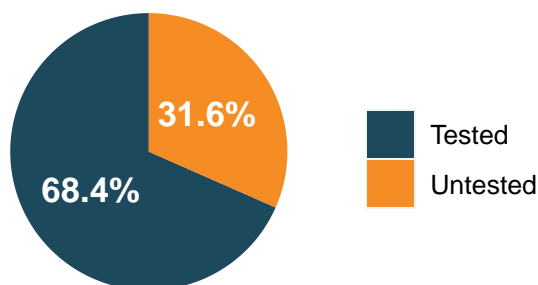
In 2019, 40 children (0 – 72 months old) in the Seacoast Region were identified with elevated blood lead levels of 5 ug/dL or higher.

**Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Seacoast Region 2015 – 2019**



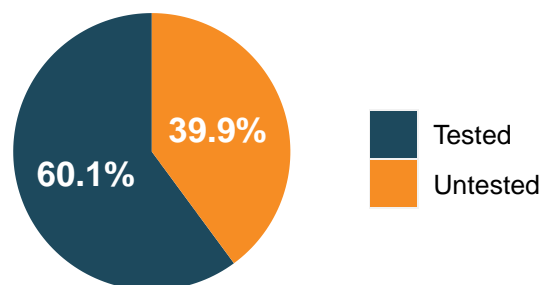
## Percent of Children Tested per New Hampshire Screening and Management Guidelines

**Percent of One-Year-Old Children Tested for Blood Lead**



In 2019, 68.4% of one year-old (12–23 month-old) children residing in the Seacoast Region were tested for lead in their blood (968 of an estimated 1,415 children).

**Percent of Two-Year-Old Children Tested for Blood Lead**



In 2019, 60.1% of two year-old (24–35 month-old) children residing in the Seacoast Region were tested for lead in their blood (804 of an estimated 1,337 children).

**In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.**

# Childhood Lead Exposure by Town, 2019

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2019	PERCENT TESTED (%) 2019	NUMBER WITH EBLL 5+ ug/dL 2019 ONLY	NUMBER WITH EBLL 5+ ug/dL 2015–2019	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2015–2019
BRENTWOOD	0 to 72	244	40	16	0	1 – 4	0
	12 to 23	27	19	70	0	1 – 4	0
	24 to 35	38	18	47	0	0	0
EPPING	0 to 72	478	149	31	1 – 4	15	1 – 4
	12 to 23	97	78	80	0	8	1 – 4
	24 to 35	80	62	78	1 – 4	5	0
EXETER	0 to 72	865	217	25	1 – 4	23	0
	12 to 23	129	100	78	0	11	0
	24 to 35	139	98	70	1 – 4	9	0
FREMONT	0 to 72	305	70	23	1 – 4	1 – 4	0
	12 to 23	53	29	55	0	1 – 4	0
	24 to 35	61	30	49	0	1 – 4	0
GREENLAND	0 to 72	256	63	25	0	1 – 4	0
	12 to 23	44	36	82	0	1 – 4	0
	24 to 35	37	22	60	0	0	0
HAMPTON	0 to 72	652	169	26	1 – 4	17	1 – 4
	12 to 23	117	75	64	0	7	0
	24 to 35	93	64	69	1 – 4	8	1 – 4
KINGSTON	0 to 72	327	85	26	1 – 4	1 – 4	0
	12 to 23	58	36	62	1 – 4	1 – 4	0
	24 to 35	55	40	73	1 – 4	1 – 4	0
NEWMARKET	0 to 72	656	131	20	5	25	5
	12 to 23	128	63	49	1 – 4	12	1 – 4
	24 to 35	120	49	41	1 – 4	5	1 – 4
NEWTON	0 to 72	338	117	35	1 – 4	7	0
	12 to 23	57	39	68	0	1 – 4	0
	24 to 35	49	49	100	1 – 4	1 – 4	0
NOTTINGHAM	0 to 72	396	70	18	1 – 4	1 – 4	1 – 4
	12 to 23	57	43	75	1 – 4	1 – 4	1 – 4
	24 to 35	72	25	35	0	1 – 4	0
PORTSMOUTH	0 to 72	1111	277	25	12	25	1 – 4
	12 to 23	218	135	62	1 – 4	8	0
	24 to 35	170	90	53	1 – 4	6	1 – 4
RAYMOND	0 to 72	683	173	25	1 – 4	22	1 – 4
	12 to 23	121	81	67	1 – 4	13	0
	24 to 35	121	62	51	0	1 – 4	0
RYE	0 to 72	238	41	17	0	1 – 4	0
	12 to 23	32	21	66	0	1 – 4	0
	24 to 35	40	19	48	0	0	0
SEABROOK	0 to 72	482	138	29	1 – 4	7	0
	12 to 23	98	57	58	0	1 – 4	0
	24 to 35	77	46	60	0	1 – 4	0
STRATHAM	0 to 72	455	105	23	0	1 – 4	1 – 4
	12 to 23	62	49	79	0	1 – 4	1 – 4
	24 to 35	79	50	63	0	0	0
SEACOAST	0 to 72	8263	2058	25	40	175	14
	12 to 23	1415	968	68	13	83	5
	24 to 35	1337	804	60	12	50	1 – 4

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

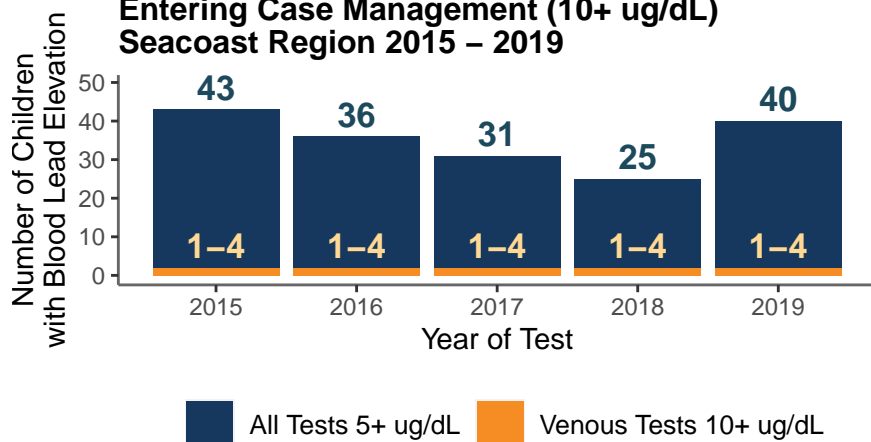
# Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
BRENTWOOD	7.5	13	6.7	12	0	0
EPPING	9.6	14	3.6	9	15.5	0
EXETER	5.4	26	2.8	33	11.9	1.6
FREMONT	6.4	15	3.4	18	0	0
GREENLAND	7.1	9	7.4	15	0	0
HAMPTON	3.6	21	6.1	22	5.6	3.4
KINGSTON	7.5	21	4.6	16	9.5	0
NEWMARKET	6.9	27	7.1	28	1.1	14.8
NEWTON	5.3	14	1	33	0	0
NOTTINGHAM	6.9	17	1.4	5	11.8	0
PORTSMOUTH	4.9	43	5.6	41	7.2	1.1
RAYMOND	7.3	10	8.1	41	3.1	0
RYE	5.1	22	4	15	6.8	0
SEABROOK	2.8	9	4.1	60	3.8	2
STRATHAM	5.4	8	2.3	0	0	5.3
SEACOAST	5.6	22	4.6	24	5.9	2.6

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2014–2018). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

# Childhood Lead Exposure

**Annual Number of Children 0 to 72 Months Old with Test Above the National Reference Level (5+ ug/dL) or Entering Case Management (10+ ug/dL)  
Seacoast Region 2015 – 2019**



It only takes a speck of lead dust the size of a grain of salt to poison a child

**Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Seacoast Region, 2015–2019**

